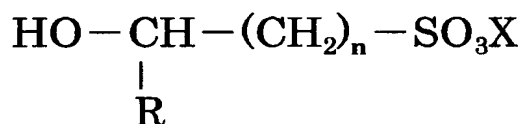


ABSTRACT

The object is to provide an electroless plating liquid which has an adequate deposition speed for practical use without containing any thallium or other heavy metal ions, and which has excellent stability of the plating liquid.

An electroless gold plating liquid comprising a non-cyanide gold salt as a gold salt, an alkali metal salt or an ammonium salt of sulfurous acid and thiosulfuric acid as a metal complexing agent, a hydroxyalkylsulfonic acid or a salt thereof represented by the following general formula as a reducing agent, and an amine compound.

[Chemical Formula 1]



(wherein R represents hydrogen, a carboxyl group, or any of a phenyl group, a tolyl group, a naphthyl group, a saturated or unsaturated alkyl group, an acetyl group, an acetonyl group, a pyridyl group and a furyl group which may have a substitutional group, X represents any of hydrogen, Na, K, and  $\text{NH}_4$ , and n is an integer between 0 and 4.)